

CLAIMS:

1. A modular enclosure for housing, mounting, and interfacing electronic equipment, the modular enclosure comprising:

a housing module for protectively housing the electronic equipment;

a mounting structure separably coupled with the housing and secureable to a mounting surface; and

an interface module separably coupled with the housing and including a first wire connector half operable to couple with a corresponding second wire connector half connected to the electronic equipment.

2. The modular enclosure as set forth in claim 1, wherein the electronic equipment is telecommunications equipment.

3. The modular enclosure as set forth in claim 1, wherein the electronic equipment is signaling equipment.

4. The modular enclosure as set forth in claim 1, wherein the housing module includes -

a first body portion operable to receive and retain the electronic equipment; and

a second body portion operable to cooperate with the first body portion to substantially enclose the electronic equipment,

wherein the housing module provides a set of symmetrically-spaced threaded studs for separably coupling the housing module with the interface module.

5. The modular enclosure as set forth in claim 1, wherein the housing module includes one or more handles to facilitate handling.

6. The modular enclosure as set forth in claim 1, wherein the mounting structure is operable to secure to a mounting surface and to provide the housing module with an operating orientation which is perpendicular to the mounting surface.

5 7. The modular enclosure as set forth in claim 1, wherein the mounting structure includes a strain relief yolk operable to support the cable assembly.

8. The modular enclosure as set forth in claim 1 wherein an interior portion of the interface module is filled with a sealing compound.

10 9. The modular enclosure as set forth in claim 1, wherein the interface module may be coupled with the housing in any one of two or more possible orientations.

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10. A modular enclosure for housing, mounting, and interfacing electronic equipment, the modular enclosure comprising:

a housing module for protectively housing the electronic equipment, the housing module including -

a first body portion for receiving and retaining the electronic equipment, and

a second body portion operable to cooperate with the first body portion to substantially enclose the electronic equipment;

a mounting structure separably coupled with the housing and operable to secure to a mounting surface; and

an interface module separably coupleable with the housing in any of two or more possible orientations.

11. The modular enclosure as set forth in claim 10, wherein the electronic equipment is telecommunications equipment.

12. The modular enclosure as set forth in claim 10, wherein the electronic equipment is signaling equipment.

13. The modular enclosure as set forth in claim 10, wherein the housing module includes one or more handles to facilitate handling.

14. The modular enclosure as set forth in claim 10, wherein the mounting structure includes a strain relief yolk operable to support the cable assembly.

15. The modular enclosure as set forth in claim 10, wherein an interior portion of the interface module is filled with a sealing compound.

16. An interface module for interfacing a cable assembly with an electronic equipment enclosure housing electronic equipment, the interface module being coupleable with a pressurized housing portion of the electronic equipment enclosure and including a first wire connector half operable to couple with a corresponding second wire connector half connected to the electronic equipment.

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17. The interface module as set forth in claim 16, wherein the interface module is separably coupleable with the housing in any of two or more possible orientations.

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18. The interface module as set forth in claim 16, wherein an interior portion of the interface module is filled with a sealing compound.

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